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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	614.1933		
First Named Inventor or Application Identifier:			

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Yoshiaki SHUTO Express Mail Label No.

	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:	Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
1. [X]	Fee Transmittal Form				
2. [X]	Specification, Claims & Abstract [Total Pages: 31	J	1		
3. [X]	Drawing(s) (35 USC 113) [Total Sheets: 22				
4. [X]	Oath or Declaration	or continuation/divis	i		
5. []	. [] Incorporation by Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
6. []					
7. []	Nucleotide and/or Amino Acid Sequence Submission (if a a. [] Computer Readable Copy b. [] Paper Copy (identical to computer copy) c. [] Statement verifying identity of above copies	pplicable, all neces	sary)		
	ACCOMPANYING AI	PPLICATION PA	RTS		
0 IV	Assignment Papers (cover sheet & document(s))				
	37 CFR 3.73(b) Statement (when there is an assignee)	[] Power of Atto	orney		
10. [] English Translation Document (if applicable) 11. [] Information Disclosure Statement (IDS)/PTO-1449 [] Copies of IDS Citations					
11. [] minimation disclosure extensive page 1					
12. [] Preliminary Amendment 13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
13. [^	13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically riskings). 14. [] Small Entity Statement(s) [] Statement filed in prior application, status still proper and desired.				
	14. [] Small Entity Statement(s) [] Statement most in priority is claimed) 15. [X] Certified Copy of Priority Document(s) (if foreign priority is claimed)				
16. l 	Other:				
	f a CONTINUING APPLICATION, check appropriate b Continuation [] Divisional [] Continuation-in-part (CIF				
18. CORRESPONDENCE ADDRESS					
5	STAAS & HALSEY Attn: H. J. Staas 700 Eleventh Street, N.W., Suite 500 Washington, DC 20001	Telephone: (202) Facsimile: (202) 4			





NEW APPLICATION
FEE TRANSMITTAL

Attorney Docket No. 614.1933

Application Number

Filing Date December 16, 1998

AMOUNT ENCLOSED \$ 0.00 First Named Inventor Yoshiaki SHUTO

FEE CALCU	LATION	(fees effective	10/01/97)
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				<u> </u>		
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CA	LCULATIONS
	TOTAL CLAIMS	16 - 20 =	0	X \$ 18.00 =	\$	0.00
	INDEPENDENT CLAIMS	3 - 3 =	0	X \$ 78.00 =		0.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable) + \$240.00 =			0.00		
٠.	BASIC FILING FEE		+	760.00		
	Total of above Calculations =		\$	760.00		
	Surcharge for late filing fee, Statement or Power of Attorney (\$130.00) Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).		+	0.0		
			-	0.0		
, ,	TOTAL FILING FEE =		\$	760.00		
*	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))		+	0.00		
			+	40.00		
			TOTAL	FEES DUE =	\$	800.00

METHOD OF PAYMENT

- [] Check enclosed as payment.
- [X] Charge "TOTAL FEES DUE" to the Deposit Account No., below.
- [] No payment is enclosed and no charges to the Deposit Account are authorized at this time.

GENERAL AUTHORIZATION

[X] If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

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[X] The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY

Typed Name	H. J. Staas	Reg. No.	22,010
Signature	M Saar	Date	December 16, 1998

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